

CLAIMS

- 1.- Method for avoiding misinterpretation of an image displayed on a matrix display due to defective pixels in the matrix display, the method comprising:
 - 5 obtaining information on the presence of the defective pixels in the display, and
 - modulating the operation of the display so as to indicate, emphasise or warn for the presence of said defective pixels on the actual display having defect pixels, or adapting the image content of the defective pixels
 - 10 or of pixels in the neighbourhood of the defective pixels so as to indicate, emphasise or warn for the presence of said defective pixels in a copy of the displayed image.
- 2.- Method according to claim 1, wherein, the copy is a hard copy or an electronic copy.
- 15 3.- Method according to claim 1, wherein the information is obtained from data previously stored in a memory device.
- 4.- Method according to claim 3, comprising, while displaying the image on the matrix display, supplying information on defective pixels to a user, based on the stored data.
- 20 5.- Method according to claim 1, wherein indicating, emphasising or warning for the presence of at least one defective pixel comprises visually marking the at least one defective pixel on the display.
- 6.- Method according to claim 1, furthermore comprising shifting the displayed image so that defective pixels are not located in a region of
- 25 interest.
- 7.- Method according to claim 1, furthermore comprising shifting the displayed image so that a defective pixel is located in a flat image area.
- 8.- Method according to claim 1, wherein the information on the presence of defective pixels is obtained by means of an image capturing device.
- 30 9.- A device for avoiding misinterpretation of an image displayed on a matrix display due to defective pixels in the matrix display, the device comprising:
 - an information retrieval device for obtaining information on the presence

of the defective pixels in the display, and

a modulating device for modulating the operation of the display so as to indicate, emphasise or warn for the presence of said defective pixels on the actual display having defect pixels, or for adapting the image content of the defective pixels or of pixels in the neighbourhood of the defective pixels so as to indicate, emphasise or warn for the presence of said defective pixels in a copy of the displayed image.

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10.- A device according to claim 9, wherein the information retrieval device comprises a memory device where defective pixel information data is stored.

11.- A device according to claim 10, comprising an information supply device for supplying information on defective pixels to a user, based on the stored data, while displaying the image on the matrix display.

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12.- A device according to claim 9, furthermore comprising marking means for visually marking the defective pixels on the display.

13.- A device according to claim 9, furthermore comprising a shifting device for shifting the displayed image so that defective pixels are not located in a region of interest.

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14.- A device according to claim 9, furthermore comprising a shifting device for shifting the displayed image so that a defective pixel is located in a flat image area.

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15.- A control unit for use with a device for avoiding misinterpretation of an image displayed on a matrix display, due to defective pixels in the matrix display, the control unit being adapted for controlling the obtaining of information on the presence and characteristics of the defect pixels in the display, and for controlling modulation of the operation of the display so as to indicate, emphasise or warn for the presence of said defective pixels on the actual display having defect pixels, or adaptation of the image content of the defective pixels or of pixels in the neighbourhood of the defective pixels so as to indicate, emphasise or warn for the presence of said defective pixels in a copy of the displayed image.

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